

REMARKS

The present Response is intended to be fully responsive to all points of rejection raised by the Examiner and is believed to place the application in condition for allowance. Favorable reconsideration and allowance of the application are respectfully requested.

Status of Claims

Claims 8-39 are pending in the application. Claims 8, 16-19, 21, and 29-32 have been amended.

New claims 34-39 have been added.

No new matter has been added.

CLAIM REJECTIONS

35 U.S.C. § 102 Rejections

Claims 8-11, 16-24, and 29-33 have been rejected under 35 USC §102(b) as being anticipated by Webber et al. (US Patent No. 6,035,348).

Each one of amended independent claims 8 and 21 recites, in paraphrase, selectively associating the packets with the plurality of queues by updating queue information that links between a packet being inserted into the memory scheme and a previous packet associated with the same queue as the packet being inserted. Applicant respectfully submits that this language is not anticipated by Webber et al. or by any of the other cited references. Therefore, it is respectfully requested that the rejection of amended claims 8 and 21 under 35 U.S.C. 102§(b) be withdrawn.

Furthermore, it is respectfully submitted that independent claims 8 and 21 are patentable, and thus allowable, over the prior art references on record and any combination thereof. Specifically, it is respectfully asserted that the distinguishing features of independent claims 8 and 21, as discussed above, would not have been obvious at the time the invention

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was made to a person skilled in the art, in view of Weber et al., alone or in combination with any other cited references, including the Gallup et al. reference discussed below in connection with claims 12-15 and 25-28.

Each one of claims 9-11, and 16-20 depends directly from independent claim 8 and incorporates all the elements of this claim.

Each one of claims 22-24 and 29-33 depends directly from independent claim 21 and incorporates all the elements of this claim.

Therefore, it is respectfully submitted that claims 9-11, 16-20, 22-24, and 29-33 are patentable, and thus allowable, at least for the reasons set forth above.

35 U.S.C. § 103 Rejections

Claims 12-15 and 25-28 were rejected under 35 U.S.C. 103§(a) as being unpatentable over Webber et al. in view of Gallup et al. (U.S. Patent No. 5537562).

Claims 12-15 are each indirectly dependent from independent claim 8 and incorporate all the elements of this claim.

Claims 25-28 are each indirectly dependent from independent claim 21 and incorporate all the elements of this claim.

Therefore, it is respectfully submitted that claims 12-15, and 25-28 are patentable, and thus allowable, at least for the reasons set forth above.

REMARKS TO NEW CLAIMS

New claims 34-39 have been added to more clearly define the subject matter claimed by the present Application. It is respectfully submitted that new claims 34-39 meet all formal requirements and add no new matter.

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New claims 34-36 are each indirectly dependent from independent claim 8 and incorporate all the elements of this claim, as well as additional distinguishing features.

New claims 37-39 are each indirectly dependent from independent claim 21 and incorporate all the elements of this claim, as well as additional distinguishing features.

Furthermore, it is respectfully submitted that the additional distinguishing features of claims 34-39 are all fully supported by the application as originally filed.

Therefore, it is respectfully submitted that claims 34-39 are patentable, and thus allowable, at least for the reasons set forth above.

Conclusion

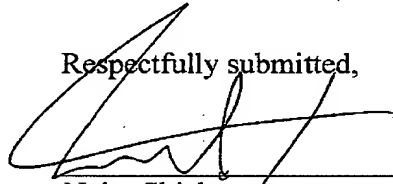
In view of the foregoing amendments and remarks, the pending claims are deemed to be allowable. Their favorable reconsideration and allowance is respectfully requested.

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Should the Examiner have any question or comment as to the form, content or entry of this Amendment, the Examiner is requested to contact the undersigned at the telephone number below. Similarly, if there are any further issues yet to be resolved to advance the prosecution of this application to issue, the Examiner is requested to telephone the undersigned counsel.

Please charge any fees associated with this paper to deposit account No. 50-3355.

Respectfully submitted,



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Dated: October 11, 2005

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